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## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER FILING DATE FIRST NAMED APPLICANT ATTORNEY DOCKET NO.

09/16/97

08/931,172

HAL-073CON

QM61/1015

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280 N. OLD WOODWARD, STE. 400
BIRMINGHAM MI 48009

HTHU YEA PAPER NUMBER 8

DATE MAÎLED:

10/15/98

This is a communication from the examiner in charge of your application. COMMISSIONER OF PATENTS AND TRADEMARKS	
NOTICE OF ALLOWABILITY	
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this applicat previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be m	ion. If not included herewith (or ailed in due course.
This communication is responsive to <u>Amendment</u> filed <u>June</u> 29, 1998	<del></del> -
The allowed claim(s) is/are 1-9 and 22-48 . Claims 10-21 are a	nceled.
☐ The drawings filed on are acceptable.	
Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).	
☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been	•
received.	
received in Application No. (Series Code/Serial Number)	
received in this national stage application from the International Bureau (PCT Rule 17.2(a)).	
*Certified copies not received:	*
Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).	
A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of time may be obtained under the provisions of 37 CFR 1.136(a).	set to EXPIRE <b>THREE MONTH</b> If this application. Extensions o
☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.	which discloses that the oath or
Applicant MUST submit NEW FORMAL DRAWINGS	
because the originally filed drawings were declared by applicant to be informal.	
including changes required by the Notice of Draftperson's Patent Drawing Review, PTO-948, attached	d hereto orto Paper No. 4
including changes required by the proposed drawing correction filed on by the examiner.	, which has been approved
including changes required by the attached Examiner's Amendment/Comment.	
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the r The drawings should be filed as a separate paper with a transmittal letter addressed to the Officia	everse side of the drawings. Il Draftperson.
$\ \square$ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGIC	CAL MATERIAL.
Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SE If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DAT ALLOWANCE should also be included.	
Attachment(s)	
☐ Notice of References Cited, PTO-892	W. J
Information Disclosure Statement(s), PTO-1449, Paper No(s).	Willis R. Welfe Primary Examiner
Notice of Draftsperson's Patent Drawing Review, PTO-948	Timely Education
☐ Notice of Informal Patent Application, PTO-152	
☐ Interview Summary, PTO-413	than From No
Examiner's Amendment/Comment	HIELL T VO
Examiner's Comment Regarding Requirement for Deposit of Biological Material	Patent Examiner
Examiner's Statement of Reasons for Allowance	Act Unit 3747
PTOL-37 (Rev. 10/95)	*U.S. GPO: 1997-417-381/6270



## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

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## NOTICE OF ALLOWANCE AND ISSUE FEE DUE

QM61/1015

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APPLICATION NO.	FILING DATE	TOTAL CLAIMS		EXAMINER AND GROUP ART UNIT	DATE MAILED
08/931,172	09/16/97	036	VO, H	3747	10/15/98
First Named NOGI.		TOSH	HHARU		

TITLE OF COLD START ENGINE CONTROL APPARATUS AND METHOD

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLI	N. TYPE	SMALL EN	YTITY	FEE DUE	DATE DUE
3 HAL-073CO	N 123-491	.000	K50	UTIL	TY	NO	\$1320.00	01/15/99

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED.</u>

## **HOW TO RESPOND TO THIS NOTICE:**

- Review the SMALL ENTITY status shown above.
   If the SMALL ENTITY is shown as yes, verify your current SMALL ENTITY status:
  - A. If the status is changed, pay twice the amount of the FEE DUE shown and notify the Patent and Trademark Office of the change in status, or
  - B. If the status is the same, pay the FEE DUE shown above.
- If the SMALL ENTITY is shown as NO:
- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.
- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "6b" of Part B should be completed.
- III. All communications regarding this application must give application number and batch number.

  Please direct all communication prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.